

1 What is claimed is:

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3 1. A washing machine comprising:

4 a cabinet;

5 a tub;

6 a drum; and

7 a detergent box assembly comprising:

8 a top plate provided on the cabinet and having an opening at one

9 side;

10 a detergent box provided to the opening and having a plurality of

11 first bosses protruding upward to hold screws, respectively; and

12 a cover frame provided to a topside of the detergent box and having

13 a plurality of second bosses protruding downward to hold the screws,

14 respectively.
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16 2. The washing machine as claimed in claim 1, wherein one end of the second
17 boss is inserted in an upper portion of the corresponding first boss.
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19 3. The washing machine as claimed in claim 1, wherein an interior screw is
20 formed in a lower portion of each of the first bosses to be coupled to the corresponding screw.
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22 4. The washing machine as claimed in claim 1, wherein a bend part bent
23 downward is further provided to an edge of the opening.
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25 5. The washing machine as claimed in claim 4, wherein a plurality of hooks are
26 formed at both sides of the detergent box and a plurality of holes are formed at the bent part to
27 be coupled to the hooks, respectively.

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29 6. The washing machine as claimed in claim 5, wherein a plurality of the hooks
30 ad the holes are formed in front and rear sides of the detergent box.

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32 7. The washing machine as claimed in claim 1, wherein a cover for covering the
33 detergent box is rotatably installed at one side of the cover frame.

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35 8. A washing machine comprising:

36 a cabinet;

37 a tub;

38 a drum; and

39 a detergent box assembly comprising:

40 a top plate provided on the cabinet and having an opening at one
41 side;

42 a detergent box loaded on the opening to be hung by a hanging
43 means;

44 a cover frame having a rim loaded on an upper surface of a
45 neighbour part of the opening; and

46 a bent part bent downward from an edge of the opening.

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48 9. The washing machine as claimed in claim 8, the hanging means comprising:

49 a plurality of hooks protruding from sides of the detergent box; and
50 a plurality of holes formed at the bent part to have the hooks inserted therein,
51 respectively.

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53 10. The washing machine as claimed in claim 8, further comprising:
54 a plurality of first bosses protruding upward from an upper surface of the detergent
55 box to hold screws, respectively; and
56 a plurality of second bosses protruding downward from a lower surface of the cover
57 frame to hold the screws, respectively.

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59 11. The washing machine as claimed in claim 10, wherein one end of the second
60 boss is inserted in an upper portion of the corresponding first boss.

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62 12. The washing machine as claimed in claim 10, wherein an interior screw is
63 formed in a lower portion of each of the first bosses to be coupled to the corresponding screw.

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65 13. The washing machine as claimed in claim 10, wherein the neighbour part of
66 the opening is clamped between the detergent box and the cover frame.

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68 14. The washing machine as claimed in claim 8, wherein a cover for covering the
69 detergent box is rotatably installed at one side of the cover frame.

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71 15. The washing machine as claimed in claim 8, wherein a plurality of storing
72 parts for storing detergent are formed in the detergent box.